

CENPQ, 1- 268aa, Human, His tag, E.coli

Cat.NO.: TP01581

3th Edition

Synonyms:centromere protein Q, C6orf139, CENP-Q

Description:CENPQ is a subunit of a CENPH-CENPI-associated centromeric complex that targets CENPA to centromeres and is required for proper kinetochore function and mitotic progression. Recombinant human CENPQ protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:33.0kDa (291aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGKANASKKNAQQLKRNPKRKKDNEEVVLSSENKVRNTVKKKNHHLKDLS
SEGQTKHTNLKHGKTAASKRKTWQPLSKSTRDHLQTMMEVIMTILSNSIKEKEEIQYHLNFLKKRLLQQCETLKVP
PKKMEDLTNVSSLLNMERARDKANEEGLALLQEEIDKMVETTELMTGNIQSLKNKIQLASEVEEEEEERVKQMHQIN
SSGVLSPELSQKTLKAPTQKEILALIPNQNALLKDLIDLHNSSQMKSMSTFIEEAYKKLDAS

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.